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Form PTO-948 (Rev. 06/03)

Application No. 10/688,260

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) file (insert date) 10/17/03 are:

A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.

B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable

categories of drawings: Black ink or
Color (3 sets required).

☐ Color drawings are not acceptable until petition is
granted. Fig(s) _____

☐ Pencil and non black ink not permitted. Fig(s) _____

2. PHOTOGRAPHS. 37 CFR 1.84(b)

☐ One (1) full-tone set is required. Fig(s) _____

☐ Photographs may not be mounted. 37 CFR 1.84(e)

☐ Photographs must meet paper size requirements of
37 CFR 1.84(f). Fig(s) _____

☐ Poor quality (half-tone). Fig(s) _____

3. TYPE OF PAPER. 37 CFR 1.84(e)

☐ Paper not lexible, strong, white, and durable.

Fig(s) _____

☐ Erasures, iterations, overwritings, interlineations,
folds, copy machine marks not accepted.

Fig(s) _____

4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable

sizes:

☐ 21.0 cm by 29.7 cm (DIN size A4) or

☐ 21.6 cm by 27.9 cm (8 1/2 x 11 inches)

☐ All drawing sheets not the same size.

Sheet(s) _____

☐ Drawings sheets not an acceptable size. Fig(s) _____

5. MARGINS. 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

☐ Margins not acceptable. Fig(s) _____

Top (T) _____ Left (L) _____

Right (R) _____ Bottom (B) _____

6. VIEWS. 37 CFR 1.84(h)

REMINDER: specification may require revision to
correspond to drawing changes, e.g., if Fig. 1 is
changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., the
specification, and the Brief Description of the Drawings,
must likewise be changed.

☐ Views not labeled separately or properly.

Fig(s) _____

7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)

☐ Sectional designation should be noted with

Arabic or Roman numbers. Fig(s) _____

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)

☐ Words do not appear on a horizontal, left-to-right
fashion when page is either upright or turned so
that the top becomes the right side, except for
graphs. Fig(s) _____

9. SCALE. 37 CFR 1.84(k)

☐ Scale not large enough to show mechanism
without crowding when drawing is reduced in
size to two-thirds in reproduction.

Fig(s) _____

10. CHARACTER OF LINES, NUMBERS, &

LETTERS. 37 CFR 1.84(l)

☒ Lines, numbers & letters not uniformly thick and
well defined, clean, durable, and black (poor line
quality). Fig(s) 1-7

11. SHADING. 37 CFR 1.84(m)

☐ Solid black areas pale. Fig(s) _____

☐ Solid black shading not permitted. Fig(s) _____

12. NUMBERS, LETTERS, & REFERENCE

CHARACTERS. 37 CFR 1.84(p)

☒ Numbers and reference characters not plain and
legible. Fig(s) 1-7

☒ Figure legends are poor. Fig(s) 1-7

☐ Numbers and reference characters not oriented in
the same direction as the view. 37 CFR 1.84(p)(1)
Fig(s) _____

☐ English alphabet not used. 37 CFR 1.84(p)(2)

Fig(s) _____

☐ Numbers, letters and reference characters must be
at least 32 cm (1/8 inch) in height. 37 CFR
1.84(p)(3). Fig(s) _____

13. LEAD LINES. 37 CFR 1.84(q)

☐ Lead lines missing. Fig(s) _____

14. NUMBERING OF SHEETS OF DRAWINGS.

37 CFR 1.84(t)

☐ Sheets not numbered consecutively, and in Arabic
numbers beginning with number 1. Sheet(s) _____

15. NUMBERING OF VIEWS. 37 CFR 1.84(u)

☐ Views not numbered consecutively, and in Arabic
numerals, beginning with number 1. Fig(s) _____

16. DESIGN DRAWINGS. 37 CFR 1.152

☐ Surface shading shown not appropriate.

Fig(s) _____

☐ Solid black surface shading is not permitted except
when used to represent the color black as well as
color contrast. Fig(s) _____

COMMENTS:

Reviewer

J. Chase

Date

7/22/05

Attachment to Paper No.

NF#1